

Future Flight Design			
2007 Science			
Grade Level and High School Content Expectations			
Michigan Science			
Grade 5			
Activity/Lesson	State	Standards	
Air Transportation Problem	MI	SCI.5.S.IA.05.11	Analyze information from data tables and graphs to answer scientific questions.
Air Transportation Problem	MI	SCI.5.S.IA.05.12	Evaluate data, claims, and personal knowledge through collaborative science discourse.
Air Transportation Problem	MI	SCI.5.S.IA.05.13	Communicate and defend findings of observations and investigations using evidence.
Air Transportation Problem	MI	SCI.5.S.IA.05.14	Draw conclusions from sets of data from multiple trials of a scientific investigation.
Aircraft Design Problem	MI	SCI.5.S.RS.05.16	Design solutions to problems using technology.
Aircraft Design Problem	MI	SCI.5.P.FM.05.31	Describe what happens when two forces act on an object in the same or opposing directions.
Aircraft Design Problem	MI	SCI.5.P.FM.05.33	Describe how changes in the motion of objects are caused by a non-zero net (unbalanced) force.
Aircraft Design Problem	MI	SCI.5.P.FM.05.34	Relate the size of change in motion to the strength of unbalanced forces and the mass of the object.
Future Flight Design			
2007 Science			
Grade Level and High School Content Expectations			
Michigan Science			
Grade 6			
Activity/Lesson	State	Standards	
Air Transportation Problem	MI	SCI.6.S.IP.06.11	Generate scientific questions based on observations, investigations, and research.
Air Transportation Problem	MI	SCI.6.S.IA.06.11	Analyze information from data tables and graphs to answer scientific questions.
Air Transportation Problem	MI	SCI.6.S.IA.06.13	Communicate and defend findings of observations and investigations using evidence.
Air Transportation Problem	MI	SCI.6.S.IA.06.14	Draw conclusions from sets of data from multiple trials of a scientific investigation.
Aircraft Design Problem	MI	SCI.6.S.RS.06.16	Design solutions to problems using technology.
Future Flight Design			
2007 Science			
Grade Level and High School Content Expectations			
Michigan Science			
Grade 7			
Activity/Lesson	State	Standards	

Air Transportation Problem	MI	SCI.7.S.IP.07.11	Generate scientific questions based on observations, investigations, and research.
Air Transportation Problem	MI	SCI.7.S.IA.07.11	Analyze information from data tables and graphs to answer scientific questions.
Air Transportation Problem	MI	SCI.7.S.IA.17.13	Communicate and defend findings of observations and investigations.
Air Transportation Problem	MI	SCI.7.S.IA.07.14	Draw conclusions from sets of data from multiple trials of a scientific investigation to draw conclusions.
Aircraft Design Problem	MI	SCI.7.S.RS.07.16	Design solutions to problems using technology.